

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions of the claims in the Application. With reference to the listing it is noted that, herewith, claim 45 is amended. No new matter has been added.

Listing of Claims

1. (Previously Presented) A method, comprising:

transmitting, to an end user terminal, a service having a control channel over a first transport stream, in accordance with a first configuration parameter of the service stored by the end user terminal, in which the control channel is identified with the first transport stream;

transmitting a second configuration parameter to the end user without receiving interactive information from the end user terminal, the second configuration parameter identifying the control channel with a second transport stream; and

transmitting the service to the end user terminal over the second transport stream.

2. (Original) The method of claim 1, wherein the network is a digital video broadcasting network.

3. (Original) The method of claim 1, wherein the network is at least one of: a computer network and a wireless network.

4. (Original) The method of claim 1, wherein the control channel is an Internet Protocol control channel.

5. (Original) The method of claim 1, wherein the second configuration parameter comprises data allowing the end user terminal to access the service.

6. (Original) The method of claim 1, wherein the service comprises at least one of: a television program, multimedia content, text information and audio information.

7. (Original) The method of claim 1, wherein the service is an Internet Protocol-based service.

8. (Original) The method of claim 1, wherein said transmitting the second configuration parameter further comprises:
generating the second configuration.

9. (Original) The method of claim 1, further comprising:
selecting the second transport stream based on at least one of: a data size of the service and an available bandwidth of the first and second transport streams.

10. (Original) The method of claim 1, wherein the second configuration parameter includes a program identifier for the service transmitted in the second transport stream.

11. (Original) The method of claim 1, wherein the service comprises a plurality of services from a plurality of service providers.

12. (Original) The method of claim 1, wherein the first configuration parameter comprises at least one parameter corresponding to addressing information for the service.

13. (Previously Presented) The method of claim 1, wherein the second configuration parameter comprises at least one parameter corresponding to addressing for the service.

14. (Previously Presented) An apparatus, comprising:

means for transmitting, to an end user terminal, a service having a control channel over a first transport stream, in accordance with a first configuration parameter of the service stored by the end user terminal in which the control channel is identified with the first transport stream;

means for transmitting a second configuration parameter to the end user without receiving interactive information from the end user terminal, the second configuration parameter identifying the control channel with a second transport stream; and

means for transmitting the service to the end user terminal over the second transport stream.

15. (Previously Presented) A method, comprising:

a transmitter for transmitting, to an end user terminal, a service having a control channel over a first transport stream, in accordance with a first configuration parameter of the service stored by the end user terminal in which the control channel is identified with the first

transport stream;

a processor for generating and transmitting a second configuration parameter to the end user without receiving interactive information from the end user terminal, the second configuration parameter identifying the control channel with a second transport stream, wherein the transmitter further for transmitting the service to the end user terminal over the second transport stream.

16. (Previously Presented) A method, comprising:

receiving, at an end user terminal, a service having a control channel over a first transport stream, in accordance with a first configuration parameter of the service stored by the end user terminal in which the control channel is identified with the first transport stream;

receiving a second configuration parameter through the control channel without providing interactive information, the second configuration parameter identifying the control channel with a second transport stream; and

accessing, at the end user terminal, the service over the second transport stream.

17. (Previously Presented) A method, comprising:

transmitting a service having a control channel over a first portion of a transport stream, in accordance with a first configuration parameter of the service stored by an end user terminal in which the control channel is identified with the first portion of the transport stream;

transmitting a second configuration parameter to the end user using without receiving interactive information from the end user terminal, the second configuration parameter

identifying the control channel with a second portion of the transport stream; and
transmitting the service to the end user terminal over the second portion of the
transport stream.

18. (Original) The method of claim 17, wherein the network is a digital video
broadcasting network.

19. (Original) The method of claim 17, wherein the network is at least one of: a
computer network and a wireless network.

20. (Original) The method of claim 17, wherein the control channel is an Internet
Protocol control channel.

21. (Original) The method of claim 17, wherein the second configuration
parameter comprises data allowing the end user terminal to access the service.

22. (Original) The method of claim 17, wherein the service comprises at least one
of: a television program, multimedia content, text information and audio information.

23. (Original) The method of claim 17, wherein the service is an Internet
Protocol-based service.

24. (Original) The method of claim 17, wherein said transmitting the second

configuration parameter further comprises:

generating the second configuration parameter.

25. (Original) The method of claim 17, further comprising:

selecting the second portion of the transport stream based on at least one of: a data size of the service and an available bandwidth of the transport stream.

26. (Original) The method of claim 17, wherein the second configuration parameter includes a program identifier the service transmitted in the second portion of the transport stream.

27. (Original) The method of claim 17, wherein the service comprises a plurality of services from a plurality of service providers.

28. (Original) The method of claim 17, wherein the first configuration parameter comprises at least one parameter corresponding to addressing information for the service.

29. (Original) The method of claim 17, wherein the second first configuration parameter comprises at least one parameter corresponding to addressing information for the service.

30. (Previously Presented) An apparatus, comprising:

means for transmitting a service having a control channel over a first portion of a

transport stream, in accordance with a first configuration parameter of the service stored by an end user terminal in which the control channel is identified with the first portion of the transport stream;

means for transmitting a second configuration parameter to the end user without receiving interactive information from the end user terminal, the second configuration parameter identifying the control channel with a second portion of the transport stream; and

means for transmitting the service to the end user terminal over the second portion of the transport stream.

31. (Previously Presented) An apparatus, comprising:

a transmitter for transmitting a service having a control channel over a first portion of a transport stream, in accordance with a first configuration parameter of the service stored by an end user terminal in which the control channel is identified with the first portion of the transport stream;

a processor in communication with the transmitter for generating a second configuration parameter to the end user without receiving interactive information from the end user terminal, the second configuration parameter identifying the control channel with a second portion of the transport stream, wherein the transmitter further for transmitting the service to the end user terminal over the second portion of the transport stream.

32. (Previously Presented) A method, comprising:

receiving a service having a control channel over a first portion of a transport stream, in accordance with a first configuration parameter of the service stored by an end user

terminal in which the control channel is identified with the first portion of the transport stream;
receiving a second configuration parameter through the control channel without
providing interactive information, the second configuration parameter identifying the control
channel with a second portion of the transport stream; and
accessing the service over the second portion of the transport stream.

33. (Previously Presented) A method, comprising:
assigning a service having a control channel to a first transport stream;
generating at least one configuration parameter including the control channel for
the service;
transmitting the at least one configuration parameter to an end user terminal; and
transmitting the service including the control channel over the first transport
stream, whereby the end user terminal accesses the service by reading the at least one
configuration parameter and generates an appropriate interface using the control channel without
providing interactive information.

34. (Original) The method of claim 33, wherein the network is a digital video
broadcasting network.

35. (Original) The method of claim 33, wherein the network is at least one of: a
computer network and a wireless network.

36. (Original) The method of claim 33, wherein the control channel is an Internet

Protocol control channel.

37. (Original) The method of claim 33, wherein the second configuration parameter comprises data allowing the end user terminal to access the service.

38. (Original) The method of claim 33, wherein the service comprises at least one of: a television program, multimedia content, text information and audio information.

39. (Original) The method of claim 33, wherein the service is an Internet Protocol-based service.

40. (Original) The method of claim 33, further comprising:
selecting the transport stream based on at least one of: a data size of the service and an available bandwidth of the transport stream.

41. (Original) The method of claim 33, wherein said transmitting the configuration parameter comprises
transmitting a program identifier for the service through the transport stream.

42. (Original) The method of claim 33, wherein the service comprises a plurality of services from a plurality of service providers.

43. (Previously Presented) An apparatus, comprising:

means for assigning a service having a control channel to a first transport stream;

means for generating at least one configuration parameter including the control channel for the service;

means for transmitting the at least one configuration parameter to an end user terminal; and

means for transmitting the service including the control channel over the first transport stream, whereby the end user terminal accesses the service by reading the at least one configuration parameter and generates an appropriate interface using the control channel without providing interactive information.

44. (Previously Presented) An apparatus, comprising:

a processor for assigning a service having a control channel to a first transport stream and generating at least one configuration parameter including the control channel for the service; and

a transmitter for transmitting the at least one configuration parameter to an end user terminal and further for transmitting the service including the control channel over the first transport stream, whereby the end user terminal accesses the service by reading the at least one configuration parameter and generates an appropriate interface using the control channel without providing interactive information.

45. (Currently Amended) A method, comprising:

receiving at least one program identifier corresponding to a service on a network;

and

selecting a control channel from the network corresponding to the ~~packet~~ program identifier;

receiving configuration information for the service from the control channel;

generating an appropriate interface using the at least one configuration parameter;

and

receiving the service without providing interactive information to a network operator.